ELSEVIER

27 June 2002

Chemical Physics Letters 359 (2002) 537–546

CHEMICAL PHYSICS LETTERS

www.elsevier.com/locate/cplett

Author Index to Volume 359

Abirami, S., N.L. Ma and N.K. Goh, A Gaussian-3 (G3) theoretical study of the interactions between alkali metal cations and polyhydroxyl ligands 359 (2002) 500
Akhmedov, I.R., see Aliev, A.R. 359 (2002) 262
Aliev, A.R., M.M. Gafurov and I.R. Akhmedov, Intermolecular phonon decay mechanism of vibrational relaxation in binary salt systems 359 (2002) 262
Aminova, R.M. and E. Ermakova, Rearrangements and proton transfer in nitrones by quantum chemistry and molecular dynamics 359 (2002) 184
Amitay, Z., R. Kosloff and S.R. Leone, Experimental coherent computation of a multiple-input AND gate using pure molecular superpositions 359 (2002) 8
Ayyad, A.H., I. Mechdiev and W. Freyland, Light scattering study of surface freezing and surface viscoelasticity in a eutectic liquid Ga–Bi alloy 359 (2002) 326

Badiali, J.P., see Vakarin, E.V. 359 (2002) 349
Bai, C.-L., see Pan, G.-B. 359 (2002) 83
Bai, S., see Ren, W. 359 (2002) 196
Bakker, J.M., see Satink, R.G. 359 (2002) 163
Ballester, P., see Quiñonero, D. 359 (2002) 486
Bando, Y., see Li, Y. 359 (2002) 141
Bando, Y., see Golberg, D. 359 (2002) 220
Bandrauk, A.D., see Zyubina, T.S. 359 (2002) 253
Banerjee, S. and G. Gangopadhyay, Spectra of displaced distorted oscillator molecular system 359 (2002) 295
Baughman, R.H., see Muñoz, E. 359 (2002) 397
Bäumer, M., see Ceballos, G. 359 (2002) 41
Beljonne, D., see Dkhissi, A. 359 (2002) 466
Bertarelli, C., M.C. Gallazzi, F. Stellacci, G. Zerbi, S. Stagira, M. Nisoli and S. De Silvestri, Ultrafast photoinduced ring-closure dynamics of a diarylethene polymer 359 (2002) 278
Bhattacharyya, K., see Mandal, D. 359 (2002) 77
Bhattacharyya, K., see Dutta, P. 359 (2002) 15
Björneholm, O., see Miron, C. 359 (2002) 48
Blau, W.J., see Muñoz, E. 359 (2002) 397
Boothroyd, C.B., see Whitby, R.L.D. 359 (2002) 68
Boothroyd, C.B., see Whitby, R.L.D. 359 (2002) 121
Brédas, J.L., see Dkhissi, A. 359 (2002) 466
Burke, K., see Maitra, N.T. 359 (2002) 237

Cai, W., Y. Feng, X. Shao and Z. Pan, Global optimization of $(C_{60})_N$ molecular clusters 359 (2002) 27

0009-2614/02/$ - see front matter © 2002 Elsevier Science B.V. All rights reserved.
PII: S0009-2614(02)00910-7

Cao, L.M., see Wang, Y.Q. 359 (2002) 273
Ceballos, G., Z. Song, J.I. Pascual, H.-P. Rust, H. Conrad, M. Bäumer and H.-J. Freund, Structure investigation of the topmost layer of a thin ordered alumina film grown on NiAl(110) by low temperature scanning tunneling microscopy 359 (2002) 41
Chen, J., see Ren, W. 359 (2002) 196
Chen, H.Y., see Zhu, P.W. 359 (2002) 89
Chen, L.X., see Zhu, P.W. 359 (2002) 89
Chen, X.H., see Hieu Chi, D. 359 (2002) 177
Cheng, H.-M., see Ren, W. 359 (2002) 196
Cheng, Y., see Wang, T. 359 (2002) 303
Chi, Y.-j., see Yu, H.-t. 359 (2002) 373
Cho, K.I., see Lee, C.J. 359 (2002) 115
Choi, C.H. and H.-I. Lee, Theoretical study of C_{20} fullerene dimerization: a facile [2+2] cycloaddition 359 (2002) 446
Chong, D.P., see Jensen, L. 359 (2002) 524
Chu, S.-Y., see Lin, C.-L. 359 (2002) 355
Ci, L., Z. Rao, Z. Zhou, D. Tang, X. Yan, Y. Liang, D. Liu, H. Yuan, W. Zhou, G. Wang, W. Liu and S. Xie, Double wall carbon nanotubes promoted by sulfur in a floating iron catalyst CVD system 359 (2002) 63
Collins, S., see Muñoz, E. 359 (2002) 397
Conrad, H., see Ceballos, G. 359 (2002) 41
Costa, A., see Quiñonero, D. 359 (2002) 486
Curtiss, L.A., P.C. Redfern, K. Raghavachari and J.A. Pople, Gaussian-3X (G3X) theory using coupled cluster and Brueckner energies 359 (2002) 390
Cyrański, M.K., see Krygowski, T.M. 359 (2002) 158

Dai, L., see Liu, L. 359 (2002) 191
Dalton, A.B., see Muñoz, E. 359 (2002) 397
De Silvestri, S., see Bertarelli, C. 359 (2002) 278
Delgado-Barrio, G., see Prosmiti, R. 359 (2002) 229
Delgado-Barrio, G., see Prosmiti, R. 359 (2002) 473
Deyà, P.M., see Quiñonero, D. 359 (2002) 486
Diño, W.A., see Farías, D. 359 (2002) 127
Dkhissi, A., F. Louwet, L. Groenendaal, D. Beljonne, R. Lazzaroni and J.L. Brédas, Theoretical investigation of the nature of the ground state in the low-bandgap conjugated polymer, poly(3,4-ethylenedioxythiophene) 359 (2002) 466
Dong, Z.-C., see Golberg, D. 359 (2002) 220
Dorozhkin, P., see Golberg, D. 359 (2002) 220
Duan, X.F., see Wang, Y.Q. 359 (2002) 273
Dutta, P., S. Sen, S. Mukherjee and K. Bhattacharyya, Solvation dynamics of TNS in polymer (PEG)–surfactant (SDS) aggregate 359 (2002) 15

Ermakova, E., see Aminova, R.M. 359 (2002) 184

Farías, D., R. Miranda, K.H. Rieder, W.A. Diño, K. Fukutani, T. Okano, H. Kasai and A. Okiji, On the influence of incident angle in the scattering dynamics of D_2 from NiAl(110) 359 (2002) 127
Feifel, R., see Miron, C. 359 (2002) 48

Feng, Y., see Cai, W. 359 (2002) 27
Fielicke, A. and K. Rademann, Molybdenum doped bismuth oxide clusters and their reactivity towards ethene: comparison with pure bismuth oxide clusters 359 (2002) 360
Fowler, P.W., R.W.A. Havenith and E. Steiner, Ring current and electron delocalisation in an all-metal cluster, Al_4^{2-} 359 (2002) 530
Freund, H.-J., see Ceballos, G. 359 (2002) 41
Freyland, W., see Ayyad, A.H. 359 (2002) 326
Frontera, A., see Quiñonero, D. 359 (2002) 486
Fu, H.-g., see Yu, H.-t. 359 (2002) 373
Fukutani, K., see Farías, D. 359 (2002) 127

Gafurov, M.M., see Aliev, A.R. 359 (2002) 262
Gallazzi, M.C., see Bertarelli, C. 359 (2002) 278
Galletero, M.S., see Pischel, U. 359 (2002) 289
Gangopadhyay, G., see Banerjee, S. 359 (2002) 295
Gao, Z., see Li, G. 359 (2002) 203
Garau, C., see Quiñonero, D. 359 (2002) 486
García, H., see Pischel, U. 359 (2002) 289
Gargano, R., see Vilela, A.F.A. 359 (2002) 420
Ghorai, P.Kr. and S. Yashonath, Low temperature intracage and intercage migration rates for guest atoms of varying sizes in zeolite NaY 359 (2002) 507
Goh, N.K., see Abirami, S. 359 (2002) 500
Golberg, D., P. Dorozhkin, Y. Bando, M. Hasegawa and Z.-C. Dong, Semiconducting B–C–N nanotubes with few layers 359 (2002) 220
González, C., see Ruette, F. 359 (2002) 428
Gordon, M.S., see Mills, G. 359 (2002) 493
Görner, H., see Gurzadyan, G.G. 359 (2002) 146
Gress, H., see Jung, J.M. 359 (2002) 153
Groenendaal, L., see Dkhissi, A. 359 (2002) 466
Guo, W.L., see Zhu, P.W. 359 (2002) 89
Guo, Z.-X., see Liu, L. 359 (2002) 191
Gurzadyan, G.G. and H. Görner, Picosecond transient absorption spectroscopy of *trans*-1-(9-anthryl)-2-(4-R-phenyl)ethylenes with electron-donating and -accepting substituents 359 (2002) 146

Häfelinger, G., see Krygowski, T.M. 359 (2002) 158
Hanke, A. and R. Metzler, Towards the molecular workshop: entropy-driven designer molecules, entropy activation, and nanomechanical devices 359 (2002) 22
Hasegawa, M., see Golberg, D. 359 (2002) 220
Hasegawa, E., see Nakahara, K. 359 (2002) 351
Havenith, R.W.A., see Fowler, P.W. 359 (2002) 530
Hayashi, M., see Raschke, M.B. 359 (2002) 367
He, J., see Muñoz, E. 359 (2002) 397
Helden, G.v., see Satink, R.G. 359 (2002) 163
Hieu Chi, D., Y. Iwasa, X.H. Chen, T. Takenobu, T. Ito, T. Mitani, E. Nishibori, M. Takata, M. Sakata and Y. Kubozono, Bridging fullerenes with metals 359 (2002) 177
Hochstrasser, R.M., see Lee, M. 359 (2002) 412
Holovko, M.F., see Vakarin, E.V. 359 (2002) 349

Honkawa, Y., see Inokuchi, Y. 359 (2002) 283
Hou, J.G., see Li, Z. 359 (2002) 321
Hsu, W.K., see Whitby, R.L.D. 359 (2002) 68
Hsu, W.K., see Whitby, R.L.D. 359 (2002) 121
Hu, T., see Liu, L. 359 (2002) 191
Huang, X.-r., see Yu, H.-t. 359 (2002) 373

Inokuchi, Y., K. Ohashi, Y. Honkawa, H. Sekiya and N. Nishi, Intracluster proton transfer in aniline–amine complex ions 359 (2002) 283
Inui, H. and S. Murata, Mechanism of photochemical rearrangement of 2*H*-azirines in low-temperature matrices: chemical evidences for the participation of vibrationally hot molecules 359 (2002) 267
Iriyama, J., see Nakahara, K. 359 (2002) 351
Itaya, K., see Pan, G.-B. 359 (2002) 83
Ito, T., see Hieu Chi, D. 359 (2002) 177
Iwamoto, M., T.-a. Manaka, A. Tojima and O.-Y. Zhong-can, Generation of Maxwell-displacement current due to tilting phase transition of amphiphile monolayers on water surface 359 (2002) 169
Iwanowski, R.J., Tetrahedral covalent radius of Mn in $A^{II}_{1-x}Mn_xB^{VI}$ and $A^{III}_{1-x}Mn_xB^{V}$ compounds – Supplement to the paper: Chem. Phys. Lett. 350 (2001) 577 359 (2002) 516
Iwasa, S., see Nakahara, K. 359 (2002) 351
Iwasa, Y., see Hieu Chi, D. 359 (2002) 177

Jensen, L., P.T. van Duijnen, J.G. Snijders and D.P. Chong, Time-dependent density functional study of the static second hyperpolarizability of BB-, NN- and BN-substituted C_{60} 359 (2002) 524
Jia, X., see Zhu, P.W. 359 (2002) 89
Jiang, B., see Sun, M. 359 (2002) 520
Jiang, Z., see Wang, T. 359 (2002) 303
Joshi, H.C., see Mehata, M.S. 359 (2002) 314
Jung, J.M. and H. Gress, Single-photon absorption of liquid methanol and ethanol in the vacuum ultraviolet 359 (2002) 153
Junquera-Hernández, J.M., J. Sánchez-Marín and D. Maynau, Molecular electric quadrupole moments calculated with matrix dressed SDCI 359 (2002) 343

Kamitsos, E.I., see Yiannopoulos, Y.D. 359 (2002) 246
Kang, H., K.T. Lee and S.K. Kim, Femtosecond real time dynamics of hydrogen bond dissociation in photoexcited adenine–water clusters 359 (2002) 213
Kasai, H., see Farías, D. 359 (2002) 127
Katz, G., Y. Zeiri and R. Kosloff, Three-dimensional quantum time-dependent study of the photodissociation dynamics of Na···FH/D 359 (2002) 453
Khriachtchev, L., M. Pettersson, H. Tanskanen and M. Räsänen, Experimental evidence of the solid-phase H+HXeH reaction 359 (2002) 135
Kim, H.-W., see Lee, C.J. 359 (2002) 109
Kim, H.-W., see Lee, C.J. 359 (2002) 115
Kim, G.-S., see Zyubina, T.S. 359 (2002) 253
Kim, J., see Lee, M. 359 (2002) 412
Kim, S.K., see Kang, H. 359 (2002) 213

Kiricsi, I., see Urbán, M. 359 (2002) 95
Kłos, J., Ab initio calculations and modeling of diabatic potential energy surfaces for the Van der Waals complex $Cl(^2P)\cdots CH_4(X\,^1A_1)$ 359 (2002) 309
Koch, D.M. and G.H. Peslherbe, On the transition from surface to interior solvation in iodide–water clusters 359 (2002) 381
Konrad, O. and T. Lankau, $(H_2O)_3$ on a virtual metal surface: the growth of the water bilayer 359 (2002) 35
Kónya, Z., see Urbán, M. 359 (2002) 95
Koper, M.T.M., see Vassilev, P. 359 (2002) 337
Kosloff, R., see Amitay, Z. 359 (2002) 8
Kosloff, R., see Katz, G. 359 (2002) 453
Kroto, H.W., see Whitby, R.L.D. 359 (2002) 68
Kroto, H.W., see Whitby, R.L.D. 359 (2002) 121
Krygowski, T.M., E. Pindelska, M.K. Cyrański and G. Häfelinger, Planarization of 1,3,5,7-cyclooctatetraene as a result of a partial rehybridization at carbon atoms: an MP2/6-31G* and B3LYP/6-311G** study 359 (2002) 158
Kubozono, Y., see Hieu Chi, D. 359 (2002) 177
Kudoh, S., see Yamaguchi, S. 359 (2002) 480
Kumar, K. and K.L. Sebastian, Forcing a polymer out of a potential well 359 (2002) 101

Lai, C.-H., see Lin, C.-L. 359 (2002) 355
Lankau, T., see Konrad, O. 359 (2002) 35
Lazzaroni, R., see Dkhissi, A. 359 (2002) 466
Lee, C.J., S.C. Lyu, H.-W. Kim, C.-Y. Park and C.-W. Yang, Large-scale production of aligned carbon nanotubes by the vapor phase growth method 359 (2002) 109
Lee, C.J., S.C. Lyu, H.-W. Kim, J.H. Lee and K.I. Cho, Synthesis of bamboo-shaped carbon–nitrogen nanotubes using C_2H_2–NH_3–$Fe(CO)_5$ system 359 (2002) 115
Lee, C.S., see Peng, H.Y. 359 (2002) 241
Lee, H.-I., see Choi, C.H. 359 (2002) 446
Lee, J.H., see Lee, C.J. 359 (2002) 115
Lee, J.S., Accurate structure and torsional barrier heights of hydrogen peroxide 359 (2002) 440
Lee, K.T., see Kang, H. 359 (2002) 213
Lee, M., J. Kim, J. Tang and R.M. Hochstrasser, Fluorescence quenching and lifetime distributions of single molecules on glass surfaces 359 (2002) 412
Lee, S.T., see Peng, H.Y. 359 (2002) 241
Lee, T.H., see Whitby, R.L.D. 359 (2002) 68
Leitner, D.M., Temperature dependence of the pure vibrational dephasing rate in a heteropolymer 359 (2002) 434
Leone, S.R., see Amitay, Z. 359 (2002) 8
Li, F., see Ren, W. 359 (2002) 196
Li, G., X. Zhang, Z. Tang and Z. Gao, Theoretical studies on the structure of the endohedral $CoGe_{10}^-$ cluster anion 359 (2002) 203
Li, Y., Y. Bando and T. Sato, Preparation of network-like MgO nanobelts on Si substrate 359 (2002) 141
Li, Z., J. Yang, J.G. Hou and Q. Zhu, Hybrid density-functional study of SF_5CF_3 359 (2002) 321
Li, Z.-s., see Yu, H.-t. 359 (2002) 373
Liang, Y., see Ci, L. 359 (2002) 63

Lin, C.-L., C.-H. Lai and S.-Y. Chu, Electronic relaxation effect on sequential α-cleavage bond dissociation energy for carbonyl compounds and the heavy analogues 359 (2002) 355
Lin, S.H., see Raschke, M.B. 359 (2002) 367
Lin, S.H., see Zyubina, T.S. 359 (2002) 253
Liu, D., see Ci, L. 359 (2002) 63
Liu, B.B., see Zhu, P.W. 359 (2002) 89
Liu, J., see Sun, M. 359 (2002) 520
Liu, L., S. Zhang, T. Hu, Z.-X. Guo, C. Ye, L. Dai and D. Zhu, Solubilized multi-walled carbon nanotubes with broadband optical limiting effect 359 (2002) 191
Liu, W., see Ci, L. 359 (2002) 63
Louwet, F., see Dkhissi, A. 359 (2002) 466
Lyu, S.C., see Lee, C.J. 359 (2002) 109
Lyu, S.C., see Lee, C.J. 359 (2002) 115

Ma, N.L., see Abirami, S. 359 (2002) 500
Ma, H.A., see Zhu, P.W. 359 (2002) 89
Maitra, N.T. and K. Burke, On the Floquet formulation of time-dependent density functional theory 359 (2002) 237
Manaka, T.-a., see Iwamoto, M. 359 (2002) 169
Mandal, D., S. Sen, K. Bhattacharyya and T. Tahara, Femtosecond study of solvation dynamics of DCM in micelles 359 (2002) 77
Mao, J.-D., see Schmidt-Rohr, K. 359 (2002) 403
Maynau, D., see Junquera-Hernández, J.M. 359 (2002) 343
McCarthy, B., see Muñoz, E. 359 (2002) 397
Mebel, A.M., see Zyubina, T.S. 359 (2002) 253
Mechdiev, I., see Ayyad, A.H. 359 (2002) 326
Mehata, M.S., H.C. Joshi and H.B. Tripathi, Excited-state intermolecular proton transfer reaction of 6-hydroxyquinoline in protic polar medium 359 (2002) 314
Méhn, D., see Urbán, M. 359 (2002) 95
Mei, D.L., see Zhu, P.W. 359 (2002) 89
Meijer, G., see Satink, R.G. 359 (2002) 163
Metiu, H., see Mills, G. 359 (2002) 493
Metzler, R., see Hanke, A. 359 (2002) 22
Miklavc, A. and S.D. Peyerimhoff, Rates of formation of ozone isotopomers: a theoretical interpretation 359 (2002) 55
Mills, G., M.S. Gordon and H. Metiu, The adsorption of molecular oxygen on neutral and negative Au_n clusters ($n = 2$–5) 359 (2002) 493
Miranda, M.A., see Pischel, U. 359 (2002) 289
Miranda, R., see Farías, D. 359 (2002) 127
Miron, C., R. Feifel, O. Björneholm, S. Svensson, A. Naves de Brito, S.L. Sorensen, M.N. Piancastelli, M. Simon and P. Morin, Mapping potential energy surfaces by core electron excitation: the resonant Auger decay spectrum of BF_3 359 (2002) 48
Mitani, T., see Hieu Chi, D. 359 (2002) 177
Mochizuki, Y. and Y. Okamoto, Four-component relativistic calculations on the mono-ammine complexes of trivalent f^0, f^7, and f^{14} ions 359 (2002) 331
Morin, P., see Miron, C. 359 (2002) 48
Morioka, Y., see Nakahara, K. 359 (2002) 351

Mukherjee, S., see Dutta, P. 359 (2002) 15
Mundim, M.S.P., see Vilela, A.F.A. 359 (2002) 420
Mundim, K.C., see Vilela, A.F.A. 359 (2002) 420
Muñoz, E., A.B. Dalton, S. Collins, A.A. Zakhidov, R.H. Baughman, W.L. Zhou, J. He, C.J. O'Connor, B. McCarthy and W.J. Blau, Synthesis of SiC nanorods from sheets of single-walled carbon nanotubes 359 (2002) 397
Murata, S., see Inui, H. 359 (2002) 267

Nakahara, K., S. Iwasa, M. Satoh, Y. Morioka, J. Iriyama, M. Suguro and E. Hasegawa, Rechargeable batteries with organic radical cathodes 359 (2002) 351
Nau, W.M., see Pischel, U. 359 (2002) 289
Naves de Brito, A., see Miron, C. 359 (2002) 48
Nishi, N., see Inokuchi, Y. 359 (2002) 283
Nishibori, E., see Hieu Chi, D. 359 (2002) 177
Nisoli, M., see Bertarelli, C. 359 (2002) 278

O'Connor, C.J., see Muñoz, E. 359 (2002) 397
Ohashi, K., see Inokuchi, Y. 359 (2002) 283
Okada, Y., see Yamaguchi, S. 359 (2002) 480
Okamoto, Y., see Mochizuki, Y. 359 (2002) 331
Okano, T., see Farías, D. 359 (2002) 127
Okiji, A., see Farías, D. 359 (2002) 127
Orii, T., see Yamaguchi, S. 359 (2002) 480

Pan, G.-B., L.-J. Wan, Q.-Y. Zheng, C.-L. Bai and K. Itaya, Self-organized arrays of calix[4]arene and calix[4]arene diquinone disulfide on Au(111) 359 (2002) 83
Pan, Z., see Cai, W. 359 (2002) 27
Park, C.-Y., see Lee, C.J. 359 (2002) 109
Pascual, J.I., see Ceballos, G. 359 (2002) 41
Peng, H.Y., N. Wang, X.T. Zhou, Y.F. Zheng, C.S. Lee and S.T. Lee, Control of growth orientation of GaN nanowires 359 (2002) 241
Peslherbe, G.H., see Koch, D.M. 359 (2002) 381
Pettersson, M., see Khriachtchev, L. 359 (2002) 135
Peyerimhoff, S.D., see Miklavc, A. 359 (2002) 55
Piancastelli, M.N., see Miron, C. 359 (2002) 48
Pindelska, E., see Krygowski, T.M. 359 (2002) 158
Pischel, U., M.S. Galletero, H. García, M.A. Miranda and W.M. Nau, Photophysical properties and fluorescence quenching of 2,3-diazabicyclo[2.2.2]oct-2-ene in zeolites 359 (2002) 289
Pople, J.A., see Curtiss, L.A. 359 (2002) 390
Prosmiti, R., P. Villarreal and G. Delgado-Barrio, An ab initio CCSD(T) potential energy surface for the Ar–I_2(X) complex 359 (2002) 473
Prosmiti, R., P. Villarreal, G. Delgado-Barrio and O. Roncero, A combined classical/quantum study of the photodissociation dynamics of $NeBr_2$(B) near the Br_2(B) dissociation limit 359 (2002) 229

Quiñonero, D., C. Garau, A. Frontera, P. Ballester, A. Costa and P.M. Deyà, Counterintuitive interaction of anions with benzene derivatives 359 (2002) 486

Rademann, K., see Fielicke, A. 359 (2002) 360
Raghavachari, K., see Curtiss, L.A. 359 (2002) 390
Rao, Z., see Ci, L. 359 (2002) 63
Räsänen, M., see Khriachtchev, L. 359 (2002) 135
Raschke, M.B., M. Hayashi, S.H. Lin and Y.R. Shen, Doubly-resonant sum-frequency generation spectroscopy for surface studies 359 (2002) 367
Redfern, P.C., see Curtiss, L.A. 359 (2002) 390
Ren, G.Z., see Zhu, P.W. 359 (2002) 89
Ren, W., F. Li, J. Chen, S. Bai and H.-M. Cheng, Morphology, diameter distribution and Raman scattering measurements of double-walled carbon nanotubes synthesized by catalytic decomposition of methane 359 (2002) 196
Rieder, K.H., see Farías, D. 359 (2002) 127
Roncero, O., see Prosmiti, R. 359 (2002) 229
Ruette, F. and C. González, The importance of global minimization and adequate theoretical tools for cluster optimization: the Ni_6 cluster case 359 (2002) 428
Rust, H.-P., see Ceballos, G. 359 (2002) 41

Sakata, M., see Hieu Chi, D. 359 (2002) 177
Salazar, M.R., A completely general methodology for fitting three-dimensional ab initio potential energy surfaces 359 (2002) 460
Sánchez-Marín, J., see Junquera-Hernández, J.M. 359 (2002) 343
Satink, R.G., J.M. Bakker, G. Meijer and G.v. Helden, Vibrational lifetimes of aniline–noble gas complexes 359 (2002) 163
Sato, T., see Li, Y. 359 (2002) 141
Satoh, M., see Nakahara, K. 359 (2002) 351
Schmalian, J., see Wu, S. 359 (2002) 1
Schmidt-Rohr, K. and J.-D. Mao, Selective observation of nitrogen-bonded carbons in solid-state NMR by saturation-pulse induced dipolar exchange with recoupling 359 (2002) 403
Sebastian, K.L., see Kumar, K. 359 (2002) 101
Sekiya, H., see Inokuchi, Y. 359 (2002) 283
Sen, S., see Dutta, P. 359 (2002) 15
Sen, S., see Mandal, D. 359 (2002) 77
Sha, G., see Sun, M. 359 (2002) 520
Shao, X., see Cai, W. 359 (2002) 27
Shen, Y.R., see Raschke, M.B. 359 (2002) 367
Simon, M., see Miron, C. 359 (2002) 48
Snijders, J.G., see Jensen, L. 359 (2002) 524
Soares Neto, J.J., see Vilela, A.F.A. 359 (2002) 420
Song, Z., see Ceballos, G. 359 (2002) 41
Sorensen, S.L., see Miron, C. 359 (2002) 48
Stagira, S., see Bertarelli, C. 359 (2002) 278
Steiner, E., see Fowler, P.W. 359 (2002) 530
Stellacci, F., see Bertarelli, C. 359 (2002) 278
Suguro, M., see Nakahara, K. 359 (2002) 351
Sun, C.-c., see Yu, H.-t. 359 (2002) 373
Sun, M., J. Liu, B. Jiang and G. Sha, $2+1+1$ two-color REMPI study of the $E^1\Pi(v=1) \leftarrow D^1\Delta(v=10) \leftarrow X^1\Sigma^+(v=0)$ transition in CO: influence of the accidental predissociation in the CO $E^1\Pi(v=1)$ state at $j=9$ and 10 359 (2002) 520

Svensson, S., see Miron, C. 359 (2002) 48

Tahara, T., see Mandal, D. 359 (2002) 77
Takata, M., see Hieu Chi, D. 359 (2002) 177
Takenobu, T., see Hieu Chi, D. 359 (2002) 177
Takeuchi, K., see Yamaguchi, S. 359 (2002) 480
Tang, D., see Ci, L. 359 (2002) 63
Tang, J., see Lee, M. 359 (2002) 412
Tang, Z., see Li, G. 359 (2002) 203
Tanskanen, H., see Khriachtchev, L. 359 (2002) 135
Tojima, A., see Iwamoto, M. 359 (2002) 169
Tripathi, H.B., see Mehata, M.S. 359 (2002) 314

Urbán, M., D. Méhn, Z. Kónya and I. Kiricsi, Production of carbon nanotubes inside the pores of mesoporous silicates 359 (2002) 95

Vakarin, E.V., J.P. Badiali and M.F. Holovko, An interplay of adsorption and corrugation at *HCl*–ice interfaces 359 (2002) 349
van Duijnen, P.T., see Jensen, L. 359 (2002) 524
van Santen, R.A., see Vassilev, P. 359 (2002) 337
Varsamis, C.P.E., see Yiannopoulos, Y.D. 359 (2002) 246
Vassilev, P., M.T.M. Koper and R.A. van Santen, Ab initio molecular dynamics of hydroxyl–water coadsorption on Rh(111) 359 (2002) 337
Vilela, A.F.A., J.J. Soares Neto, K.C. Mundim, M.S.P. Mundim and R. Gargano, Fitting potential energy surface for reactive scattering dynamics through generalized simulated annealing 359 (2002) 420
Villarreal, P., see Prosmiti, R. 359 (2002) 229
Villarreal, P., see Prosmiti, R. 359 (2002) 473

Walton, D.R.M., see Whitby, R.L.D. 359 (2002) 68
Walton, D.R.M., see Whitby, R.L.D. 359 (2002) 121
Wan, L.-J., see Pan, G.-B. 359 (2002) 83
Wang, G., see Ci, L. 359 (2002) 63
Wang, N., see Peng, H.Y. 359 (2002) 241
Wang, T., F. Xu, Y. Cheng and Z. Jiang, Composite polymer electrolyte for Li-ion battery 359 (2002) 303
Wang, W.K., see Wang, Y.Q. 359 (2002) 273
Wang, Y.Q., X.F. Duan, L.M. Cao and W.K. Wang, One-dimensional growth mechanism of amorphous boron nanowires 359 (2002) 273
Westfahl Jr., H., see Wu, S. 359 (2002) 1
Whitby, R.L.D., W.K. Hsu, C.B. Boothroyd, H.W. Kroto and D.R.M. Walton, Tungsten disulphide coated multi-walled carbon nanotubes 359 (2002) 121
Whitby, R.L.D., W.K. Hsu, T.H. Lee, C.B. Boothroyd, H.W. Kroto and D.R.M. Walton, Complex WS_2 nanostructures 359 (2002) 68
Wolynes, P.G., see Wu, S. 359 (2002) 1
Wu, S., H. Westfahl Jr., J. Schmalian and P.G. Wolynes, Theory of microemulsion glasses 359 (2002) 1

Xie, S., see Ci, L. 359 (2002) 63
Xu, F., see Wang, T. 359 (2002) 303

Yamaguchi, S., S. Kudoh, Y. Okada, T. Orii and K. Takeuchi, Cluster size dependence of the H/D exchange reaction rate constant for protonated water clusters $H^+(H_2O)_n$ ($n = 2$–11) 359 (2002) 480
Yan, X., see Ci, L. 359 (2002) 63
Yang, C.-W., see Lee, C.J. 359 (2002) 109
Yang, J., see Li, Z. 359 (2002) 321
Yashonath, S., see Ghorai, P.Kr. 359 (2002) 507
Ye, C., see Liu, L. 359 (2002) 191
Yiannopoulos, Y.D., C.P.E. Varsamis and E.I. Kamitsos, Medium range order in glass and the 'germanate anomaly' effect 359 (2002) 246
Yu, H.-t., H.-g. Fu, Y.-j. Chi, X.-r. Huang, Z.-s. Li and C.-c. Sun, Computational study on structures, isomerization, and dissociation of $[Si, N, C, S]^+$ isomers 359 (2002) 373
Yuan, H., see Ci, L. 359 (2002) 63

Zakhidov, A.A., see Muñoz, E. 359 (2002) 397
Zeiri, Y., see Katz, G. 359 (2002) 453
Zerbi, G., see Bertarelli, C. 359 (2002) 278
Zhang, S., see Liu, L. 359 (2002) 191
Zhang, X., see Li, G. 359 (2002) 203
Zheng, Q.-Y., see Pan, G.-B. 359 (2002) 83
Zheng, Y.F., see Peng, H.Y. 359 (2002) 241
Zhong-can, O.-Y., see Iwamoto, M. 359 (2002) 169
Zhou, W., see Ci, L. 359 (2002) 63
Zhou, W.L., see Muñoz, E. 359 (2002) 397
Zhou, X.T., see Peng, H.Y. 359 (2002) 241
Zhou, Z., see Ci, L. 359 (2002) 63
Zhu, D., see Liu, L. 359 (2002) 191
Zhu, P.W., X. Jia, H.Y. Chen, L.X. Chen, W.L. Guo, D.L. Mei, B.B. Liu, H.A. Ma, G.Z. Ren and G.T. Zou, Giant improved thermoelectric properties in PbTe by HPHT at room temperature 359 (2002) 89
Zhu, Q., see Li, Z. 359 (2002) 321
Zou, G.T., see Zhu, P.W. 359 (2002) 89
Zyubina, T.S., G.-S. Kim, S.H. Lin, A.M. Mebel and A.D. Bandrauk, Dissociation pathways of benzene trication 359 (2002) 253